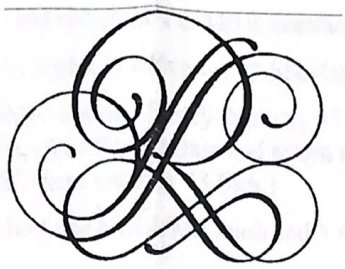

RODGERS INSTRUMENTS LLC

Instructions for Kit #8003-997
MX-200 Update

NOTE: This update requires changes to both software and hardware.

Items required:

- Desktop or laptop computer running "WINDOWS®"
- Access to WWW.RODGERSTECH.COM.
- MX-200 WAVE ROM BOARD included with this kit.
- "WinZip®" available at: http://www.winzip.com/
- PC/MIDI interface device (ROLAND UM-1®, MIDIMAN Portman®, etc.)

Procedure

1. From RODGERSTECH.COM, download the files "MX200103.exe" and "UDPSMF.exe" into a folder on your computer.
2. "MX200103.exe" is a self extracting file that contains 43 Standard Midi Files. Run this file and a window will appear that contains an INSTALL DIRECTORY box. The INSTALL DIRECTORY box shows the path and folder to which the Standard Midi Files will be extracted. (It should be the same folder mentioned in step 1). Usually there is no reason to change the path or the folder so simply verify that the path in the box shows the same folder that contains the UDPSMF.exe file and then click on OK.
   If, for some reason, the files are to be extracted to a different location, first click on REFERENCE, select the desired drive and folder and then click on OK. Verify that the path in the box has changed and now shows the desired folder and then click on OK.
3. Turn the MX-200 OFF.
4. Connect the MIDI OUT of your PC/MIDI interface device to the MIDI IN of the MX-200.
5. Run the UPDSMF.EXE program. The UPDSMF window should appear on your computer screen.

6. Click on "Midi Out Device" and select the PC/MIDI interface device on your computer.
7. Click on "Path" and select the folder in which the 43 Standard Midi Files are stored.
8. Click *once* on the "SCAN.SMF" button. Verify that only 43 files appear in the list. If more than 43 files appear in the list, close the program and return to Step 5. (Even though the last file contains the number "48", there are only 43 files.)
9. While pressing and holding both the VOLUME knob and VALUE knob, turn on the MX-200.
10. When "nid" appears in the display, release the knobs.
11. The display will change to "---".
12. Click on the SEND button in the UPDSMF window on your PC.
13. The MIDI light will flicker and " r. . ." appears in the display as the SMF's are received.
14. Once all block numbers are received (this could take up to 45 minutes), the MX-200 display indicates "Fin".
15. Turn the MX-200 OFF.
16. Disconnect the PC/MIDI device from the organ.

The next few steps explain how to install the new WAVE ROM BOARD.

WARNING: Follow all ESD precautions while performing these steps!

17. Remove the access panel screw and the access panel from the top of the MX-200.
18. Note in which slot the old WAVE ROM BOARD is located.
19. Pull straight up on the old WAVE ROM BOARD, disconnecting it from the multi-pin connector below it.
20. Place the new WAVE ROM BOARD in the same slot as the old one.
21. Remove the self adhesive foam block from the old WAVE ROM BOARD and secure it to the new WAVE ROM BOARD.
22. Replace the access panel and secure it with the screw.

The next few steps explain how to perform a FACTORY RESET.

23. Power ON the MX-200.
24. Rotate the PART knob to position 3.
25. Rotate the TONE CATEGORY knob to CELESTE.
26. Press and hold the VOLUME knob.
27. Press and release the VALUE knob.
28. Release the VOLUME knob. The display will show "Fct". (Factory)
29. Press and release the VALUE knob. The display will show "Sur". (Sure?)

30. Press and release the VALUE knob again. The display will show the MX mode as "001".
31. Turn the MX-200 OFF and then back ON.

The next few steps will verify that the new software is properly installed.

32. Rotate the PART knob to position 5.
33. Rotate the TONE CATEGORY knob to CELESTE.
34. Press and hold the VOLUME knob.
35. Press and release the VALUE knob.
36. Release the VOLUME knob.
    The display will show the number of the installed software (1.03).
37. Turn the MX-200 OFF and then back ON.
38. The MX-200 is now ready to operate with the new software.